

ABSTRACT OF THE DISCLOSURE

The present invention relates to an electrolytic apparatus for molten salt having an electrolytic cell to electrolyze an electrolytic bath consists of a mixed molten salt comprises a first heat exchanging means to heat and/or cool the electrolytic cell body, and an outer flame disposed outside of the first heat exchanging means with space and to seal the first exchanging means, and a heat insulating zone capable of decompression or vacuum formed inside the outer flame. Further, an electric insulating material and a gas sealing material which are placed in the electrolytic cell required the electric insulating and the gas sealing simultaneously.